

OPINION 1609

Drepanites Mojsisovics, 1893 and *Hyphoplites* Spath, 1922 (Mollusca, Ammonoidea): conserved

Ruling

(1) It is hereby ruled that *A catalogue of the organic remains of the County of Wilts.* by Benett (1831) is an available work.

(2) Under the plenary powers the following names are hereby suppressed:

- (a) the generic name *Drepanites* Benett, 1831, and all other uses of that name prior to *Drepanites* Mojsisovics, 1893, for the purposes of both the Principle of Priority and the Principle of Homonymy;
- (b) the specific name *striatus* Benett, 1831, as published in the binomen *Drepanites striatus*, for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(3) The following names are hereby placed on the Official List of Generic Names in Zoology:

- (a) *Drepanites* Mojsisovics, 1893 (gender: masculine), type species by subsequent designation by Diener (1915) *Arpadites* (*Drepanites*) *hyatti* Mojsisovics, 1893;
- (b) *Hyphoplites* Spath, 1922 (gender: masculine), type species by original designation *Ammonites falcatus* Mantell, 1822.

(4) The following names are hereby placed on the Official List of Specific Names in Zoology:

- (a) *hyatti* Mojsisovics, 1893, as published in the binomen *Arpadites* (*Drepanites*) *hyatti* (specific name of the type species of *Drepanites* Mojsisovics, 1893);
- (b) *falcatus* Mantell, 1822, as published in the binomen *Ammonites falcatus* (specific name of the type species of *Hyphoplites* Spath, 1922).

(5) The work *A catalogue of the organic remains of the County of Wilts.* by E. Benett (1831), as ruled in (1) above, is hereby placed on the Official List of Works Approved as Available for Zoological Nomenclature.

(6) The name *Drepanites* Benett, 1831, as suppressed in (2)(a) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

(7) The name *striatus* Benett, 1831, as published in the binomen *Drepanites striatus* and as suppressed in (2)(b) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

History of Case 2668

An application for the conservation of *Drepanites* Mojsisovics, 1893 and *Hyphoplites* Spath, 1922 was received from Drs E.E. Spamer & A.E. Bogan (*Academy of Natural Sciences, Philadelphia, U.S.A.*) on 9 June 1988 and published in BZN 46: 19–21 (March 1989). Notice of the case was sent to appropriate journals.

An opposing comment by Mr C.W. Wright (*Beaminster, Dorset, U.K.*) was published in BZN 46: 187–188 (September 1989), together with a reply by the Executive Secretary of the Commission.

A comment was received from Prof D.T. Donovan (*Department of Geological Sciences, University College London, London, U.K.*), who noted that Miss Benett

presented a copy of her 1831 *Catalogue of the organic remains of the County of Wilts.* to the British Museum, Bloomsbury, inscribed 'British Museum, from the Author', indicating her wish for the work to be publicly available.

A recent publication (reference below) by the authors of the application and one other has given in detail the background to Benett's work and the extensive way in which it was distributed and taken note of by her contemporaries. The paper documents the large number of taxa established by Benett, and cites the present localities of her collection which includes type material for species proposed by her and subsequent authors; *Drepanites striatus* Benett is discussed on p. 144 et seq.

Spamer, E.E., Bogan, A.E. & Torrens, H.S. 1989. Recovery of the Eltheldred Benett collection of fossils mostly from Jurassic-Cretaceous strata of Wiltshire, England, analysis of the taxonomic nomenclature of Benett (1831), and notes and figures of type specimens contained in the collection. *Proceedings of the Academy of Natural Sciences of Philadelphia*, **141**: 115–180.

Decision of the Commission

On 1 March 1990 the members of the Commission were invited to vote on the proposals published in BZN **46**: 20. At the close of the voting period on 1 June 1990 the votes were as follows:

Affirmative votes — 26: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza (in part), Minelli, Mroczkowski, Nielsen, Nye, Ride, Savage, Starobogatov, Thompson, Trjapitzin, Uéno, Willink

Negative votes — 2: Kabata and Martins de Souza (in part).

Schuster was on leave of absence.

Martins de Souza said there did not appear sufficient reason to suppress the name *Drepanites* Benett, 1831 to conserve *Drepanites* Mojsisovics, 1893.

Original references

The following are the original references to the names and work placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

- Drepanites* Benett, 1831, *A catalogue of the organic remains of the County of Wilts.*, p. 3, pl. 16.
Drepanites Mojsisovics, 1893, *Abhandlungen der Kaiserlich-Königlichen Geologischen Reichsanstalt*, **6**(2): 495.
falcatus, *Ammonites*, Mantell, 1822, *The fossils of the South Downs; or illustrations of the geology of Sussex*, p. 117, pl. 21, figs. 6, 12.
hyatti, *Arpadites* (*Drepanites*), Mojsisovics, 1893, *Abhandlungen der Kaiserlich-Königlichen Geologischen Reichsanstalt*, **6**(2): 495.
Hyphoplites Spath, 1922, *Transactions of the Royal Society of Edinburgh*, **53**(6): 110.
striatus, *Drepanites*, Benett, 1831, *A catalogue of the organic remains of the County of Wilts.*, p. 3, pl. 16.
Benett, E. 1831. *A catalogue of the organic remains of the County of Wilts.* iv, 9 pp., 18 pls. Vardy, Warminster.

The following is the reference for the designation of *Drepanites hyatti* as the type species of *Drepanites* Mojsisovics, 1893:

- Diener, C.** 1915. *Cephalopoda triadica*. In Frech, F. (Ed.), *Fossilium catalogus*. 1. Animalia. (8), p. 129.